SONY

REA-C1000 Edge Analytics Appliance

Overview

Grab your audience's attention and increase their engagement with intelligent video analytics technology.

Edge Analytics Appliance creates impactful video presentation content that previously would have required significant time, expense, and human resource to produce. With Artificial Intelligence-led technology, the REA-C1000 vastly improves the quality of communication by empowering the presenter to deliver content and to engage their audience like never before.

Note: This product contains pre-installed software and requires the purchase of license keys to activate some functions. After a free 60-day trial period, each feature can be activated permanently through purchase of separate licenses*, providing users with the freedom to customize features based on their individual needs and budget.

Features

Handwriting extraction technology
No matter where the speaker is standing, the handwriting extraction feature ensures that any words and diagrams written on a board or screen remain in full view to the audience — via AR (augmented reality).

Even if the speaker is standing directly in front of the board, their ideas, thinking process, and even their animated presentation is all accessible to the audience. It's also easy for remote viewers and those playing back the presentation at a later date to become immersed in the content too, as the presenter is overlaid and the content is never compromised.

Chromakey-less CG Overlay
The Chromakey-less CG Overlay feature enables the presenter to deliver impactful supporting content in real-time, without a dedicated studio or expensive specialized content creators.

Users can autonomously create specific animated imagery, still pictures, and supporting graphics, which provide an easy backdrop to their presentation.

Version 2.0 only: Available from late 2019

AI-driven automatic control
AI-driven automatic control of output image offers hassle-free shooting and efficient workflow to meet increasingly difficult and diverse shooting opportunities.

PTZ auto-tracking

The REA-C1000 can accurately and smoothly track a presenter, to ensure they stay in focus and within the frame throughout their presentation. This feature offers users a cost-effective tracking solution in an education, corporate, or conference setting, without having to invest in a camera operator.

Focus Area Cropping — in Full HD
With Focus Area Cropping, an image from one camera can be simultaneously shown as two different output images. The user can choose to select a cropped image from the main still 4K image. What's more, the cropped area is selectable to be static or dynamic to follow the speaker's movement. This feature will be made available through a future software update later in 2019.

Version 2.0 only: Available from late 2019

Involve your audience
REA-C1000 technology can detect and react to the gestures of audience members participating in your presentation. For example, when an audience member stands up, the REA-C1000 can trigger the camera to electronically auto-zoom in to that person, which is particularly useful in education environments to measure students' reaction and in corporate presentation settings, such as during a Q&A session.

Specifications

Specification	
Handwriting Extraction	Required License. (60-day trial license is built-in as default)
PTZ Auto Tracking	Required License. (60-day trial license is built-in as default)
Close-up by Gesture	Required License. (60-day trial license is built-in as default)
Chromakey-less CG Overlay	Required License. (Available from firmware Version 2)
Focus Area Cropping	Required License. (Available from firmware Version 2)
Fixed Area Cropping	Crop the static area of the whole view at once.
Intuitive Web-based User Interface	Supports Google Chrome Ver. 70 or later
HDMI IN 1	Up to 4K 30p (3840 × 2160/29.97P, 25P)
HDMI IN 2	Up to FHD 60p (1920 × 1080/59.94P, 50P)
HDMI OUT 1	[EDID]: Automatically determine and output a video image that is compatible with the connected output device. Up to 4K 30p (3840 × 2160/29.97P, 25P)
HDMI OUT 2	[EDID]: Up to FHD 60p (1920 × 1080/59.94P, 50P)
Network (LAN)	RJ-45 (1000BASE-T)

DC power input	12V5A (required 3rd party AC Adapter)
MIC IN	Stereo, ø3.5 mm mini jack (Available from firmware version 2)
HDMI Embedded Audio	(Available from firmware version 2)
RTSP streaming	H.264 (Available from firmware version 2)
IPv4, IPv6	Internet Protocol version
Role-based Authorization	Access permissions of one administrator and nine general users
Access Restrict	Configure the security function to restrict the computers that can access the unit
Dimension/Mass	Height: 3.82 in, Width: 5.55 in, Depth: 3.58 in/Approx. 1.87 lb
Operating temperature	5 °C to 40 °C (41 °F to 104 °F)

Related products

SRG-120DH

Full HD remotely operated PTZ camera

SRG-300H

Full HD remotely operated PTZ camera

BRC-X1000

4K Pan Tilt Zoom camera with 1.0-type Exmor R CMOS sensor (color availability may vary by country)

BRC-X400

IP 4K Pan-Tilt-Zoom Camera with NDI®|HX capability

BRC-H800

Full HD Pan Tilt Zoom camera with 1.0-type Exmor R CMOS sensor (color availability may vary by country)

Gallery